IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A system including:

an implantable medical device, the implantable medical device including:

a far-field radio-frequency (RF) first telemetry circuit;

a power connection module, coupled to the first telemetry circuit, to connect/disconnect power to at least a portion of the first telemetry circuit; and

a wireless signal detector, coupled to the power connection module, to control a conductivity state of the power connection module upon detecting at least one of:

a predetermined wireless signal;, wherein the predetermined wireless signal constitutes an electrical current introduced into a body of a subject in which the implantable medical device is implanted.

~~a demodulated or decoded predetermined wireless signal; and~~

~~a magnetic field present near the implantable medical device.~~

2. (Original) The system of claim 1, in which the implantable medical device includes an implantable cardiac rhythm management device, and the first telemetry circuit provides at least a six-foot telemetry range.

3. (Cancelled)

4. (Original) The system of claim 3, in which the second telemetry circuit includes a receiver adapted to receive the predetermined wireless signal, and in which the predetermined wireless signal includes a command for changing the conductivity state of the power connection module.

5-14. (Cancelled)

15. (Original) The system of claim 1, further including a remote device far-field RF second telemetry circuit, electromagnetically coupled to the first telemetry circuit, to provide long-range communications with the implantable medical device.

16-19. (Cancelled)

20. (Currently Amended) A system including:

an implantable medical device, the implantable medical device including:

a far-field radio-frequency (RF) first telemetry circuit;

a power connection module, coupled to the first telemetry circuit, to connect/disconnect power to at least a portion of the first telemetry circuit; and

a telemetry activation sensing circuit, coupled to the power connection module, to control a conductivity state of the power connection module upon a detection of a predetermined telemetry activation signal, wherein the predetermined telemetry activation signal constitutes an electrical current introduced into a subject into which the implantable medical device is implanted.

21. (Original) The system of claim 20, in which the implantable medical device includes an implantable cardiac rhythm management device, and the first telemetry circuit provides at least a six-foot telemetry range.

22. (Original) The system of claim 20, further including a cardiac sensing lead, coupled to the telemetry activation sensing circuit, and in which the telemetry activation sensing circuit includes:

an amplifier having an input and an output, the input coupled to the cardiac sensing lead; and

a filter, coupled to the output of the amplifier.

23. (Original) The system of claim 20, further including:

a cardiac signal sensing amplifier having an input and output, the output coupled to the telemetry activation sensing circuitry, the telemetry activation sensing circuitry including a filter coupled to the output of the sensing amplifier; and

a cardiac sensing lead, coupled to the input of the cardiac sensing amplifier.

24. (Original) The system of claim 20, further including a minute ventilation sensor circuit, coupled to the telemetry activation sensing circuit.

25. (Original) The system of claim 20, further including an external interface device adapted to be communicatively coupled to the implantable medical device, the external interface device including an electrical current generator adapted to introduce an electrical current into a body to be received by the telemetry activation sensing circuit to connect power to at least a portion of the first telemetry circuit.

26. (Original) The system of claim 25, in which the external device further includes a surface electrocardiograph (ECG) electrode to introduce the electrical current into the body.

27. (Original) The system of claim 25, in which the external device further includes at least two conductive surfaces, coupled to the electrical current generator, to introduce the electrical current into the body through contacts between the metal surfaces and the body.

28-42. (Cancelled)

43. (Original) A method including:

connecting at least one portion of a far-field radio-frequency (RF) first telemetry circuit in an implantable medical device to an energy source through a power connection module;

introducing a predetermined electrical current signal into a body;

detecting the predetermined electrical current signal introduced into the body; and

changing a conductivity state of the power connection module when the predetermined electrical current signal is detected.

44. (Original) The method of claim 43, in which the implantable medical device includes an implantable cardiac rhythm management device, and the first telemetry circuit provides at least a six-foot telemetry range.

45. (Original) The method of claim 43, in which introducing the predetermined electrical current signal into the body is carried out through a plurality of surface electrocardiograph (ECG) electrodes.

46. (Original) The method of claim 43, in which introducing the predetermined electrical current signal into the body is carried out through a plurality of conductive contacts of an external device.

47. (Original) The method of claim 43, in which the electrical current signal is an approximately sinusoidal signal having a frequency of about 30 kilohertz.

48-51. (Cancelled

52. (Currently Amended) A method including:

connecting at least one portion of a far-field radio-frequency (RF) first telemetry circuit in an implantable medical device to an energy source through a power connection module;

detecting a predetermined first telemetry activation signal, wherein the first telemetry activation signal includes an electrical current signal introduced into a body in which the implantable medical device is located;

changing a conductivity state of the power connection module when the first telemetry activation signal is detected to connect power to the at least one portion of the first telemetry circuit;

detecting a predetermined second telemetry activation signal; and

starting data transmission using the first telemetry circuit when the second telemetry activation signal is detected.

53. (Cancelled)

54. (Original) The method of claim 53, further including sending the second telemetry activation signal from a remote device at a predetermined frequency.

55. (Original) The method of claim 54, in which the second telemetry activation signal including a digital key adapted to identify a particular implantable medical device.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at (612) 373-6951 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

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